

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027578.D
 Acq On : 21 Mar 2022 11:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 05:43:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	316098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	482418	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	221686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174255	44.749	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.500%		
35) Dibromofluoromethane	5.391	113	165438	53.302	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.600%		
50) Toluene-d8	8.647	98	612326	52.135	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.260%		
62) 4-Bromofluorobenzene	11.079	95	221569	51.325	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	167058	55.060	ug/l	100
3) Chloromethane	1.294	50	148588	55.167	ug/l	100
4) Vinyl Chloride	1.374	62	173749	55.831	ug/l	98
5) Bromomethane	1.599	94	70941	43.893	ug/l	98
6) Chloroethane	1.678	64	105167	55.070	ug/l	98
7) Trichlorofluoromethane	1.886	101	248558	48.384	ug/l	97
8) Diethyl Ether	2.136	74	94708	49.493	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	165495	54.098	ug/l	94
10) Methyl Iodide	2.453	142	193688	47.830	ug/l	98
11) Tert butyl alcohol	2.965	59	163378	220.149	ug/l	100
12) 1,1-Dichloroethene	2.319	96	158204	53.899	ug/l	91
13) Acrolein	2.233	56	164540	285.714	ug/l	98
14) Allyl chloride	2.660	41	228112	49.664	ug/l	95
15) Acrylonitrile	3.062	53	450509	267.018	ug/l	99
16) Acetone	2.380	43	338211	213.083	ug/l	99
17) Carbon Disulfide	2.508	76	395332	52.932	ug/l	100
18) Methyl Acetate	2.703	43	186708	49.082	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	497098	50.196	ug/l	100
20) Methylene Chloride	2.788	84	174929	51.260	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	169496	54.135	ug/l	95
22) Diisopropyl ether	3.763	45	470983	52.508	ug/l	96
23) Vinyl Acetate	3.721	43	1994355	255.671	ug/l	98
24) 1,1-Dichloroethane	3.611	63	287541	52.707	ug/l	99
25) 2-Butanone	4.556	43	567277	237.551	ug/l	99
26) 2,2-Dichloropropane	4.477	77	209594	47.048	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	197591	54.418	ug/l	93
28) Bromochloromethane	4.897	49	114222	51.903	ug/l	89
29) Tetrahydrofuran	5.007	42	383339	250.233	ug/l	96
30) Chloroform	5.092	83	306325	50.903	ug/l	98
31) Cyclohexane	5.470	56	260895	53.955	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	266493	48.638	ug/l	98
36) 1,1-Dichloropropene	5.696	75	227912	53.734	ug/l	97
37) Ethyl Acetate	4.714	43	219388	51.908	ug/l	100
38) Carbon Tetrachloride	5.678	117	244312	50.348	ug/l	99
39) Methylcyclohexane	7.385	83	301769	56.577	ug/l	98
40) Benzene	6.037	78	689062	56.626	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	121169	52.568	ug/l	97
42) 1,2-Dichloroethane	6.086	62	221240	48.512	ug/l	99
43) Isopropyl Acetate	6.342	43	335395	49.308	ug/l	99
44) Trichloroethene	7.129	130	202890	54.925	ug/l	97
45) 1,2-Dichloropropane	7.433	63	171170	55.226	ug/l	99
46) Dibromomethane	7.580	93	124509	52.587	ug/l	96
47) Bromodichloromethane	7.824	83	229981	51.586	ug/l	100
48) Methyl methacrylate	7.696	41	165572	49.185	ug/l	96
49) 1,4-Dioxane	7.659	88	83873	970.064	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	1077061	248.050	ug/l	99
52) Toluene	8.720	92	447461	54.873	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	239037	52.241	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	269099	54.038	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	181927	54.794	ug/l	99
56) Ethyl methacrylate	9.116	69	259116	52.161	ug/l	97
57) 1,3-Dichloropropane	9.311	76	285355	52.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	658974	262.100	ug/l	98
59) 2-Hexanone	9.433	43	815804	243.943	ug/l	97
60) Dibromochloromethane	9.525	129	193766	53.016	ug/l	96
61) 1,2-Dibromoethane	9.610	107	191407	52.452	ug/l	98
64) Tetrachloroethene	9.275	164	192031	58.720	ug/l	97
65) Chlorobenzene	10.079	112	485654	56.130	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	178160	55.189	ug/l	99
67) Ethyl Benzene	10.195	91	834737	56.364	ug/l	96
68) m/p-Xylenes	10.305	106	671612	115.175	ug/l	96
69) o-Xylene	10.640	106	327895	57.913	ug/l	96
70) Styrene	10.659	104	547240	59.168	ug/l	99
71) Bromoform	10.799	173	146649	56.863	ug/l #	99
73) Isopropylbenzene	10.963	105	860406	53.286	ug/l	100
74) N-amyl acetate	10.841	43	273655	47.796	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	267054	52.212	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	240037m	51.767	ug/l	
77) Bromobenzene	11.201	156	219492	53.929	ug/l	92
78) n-propylbenzene	11.305	91	969468	54.694	ug/l	97
79) 2-Chlorotoluene	11.366	91	576675	51.864	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	741519	54.563	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	76570	50.151	ug/l	95
82) 4-Chlorotoluene	11.457	91	667720	52.743	ug/l	96
83) tert-Butylbenzene	11.719	119	731817	54.358	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	744481	54.930	ug/l	99
85) sec-Butylbenzene	11.890	105	910089	55.939	ug/l	99
86) p-Isopropyltoluene	12.012	119	800562	57.289	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	418471	55.493	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	416894	54.636	ug/l	99
89) n-Butylbenzene	12.335	91	656208	56.270	ug/l	97
90) Hexachloroethane	12.542	117	122547	54.991	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	406118	55.156	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58906	50.214	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	275585	58.394	ug/l	99
94) Hexachlorobutadiene	13.725	225	122606	58.811	ug/l	94
95) Naphthalene	13.780	128	915516	59.591	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	279839	58.618	ug/l	96

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

